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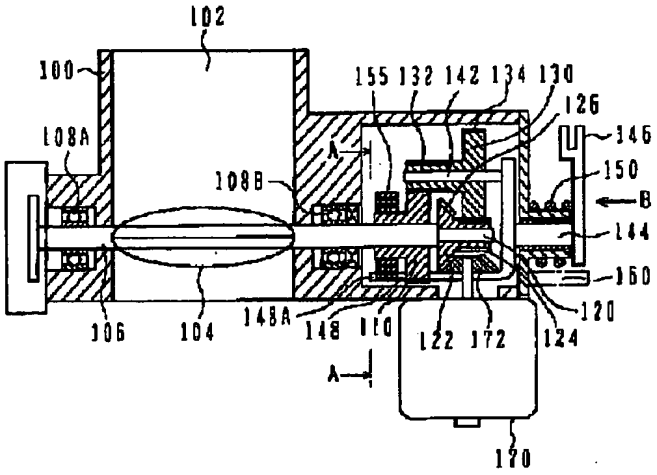
TITLE : INTAKE THROTTLE DEVICE FOR INTERNAL COMBUSTION ENGINE



ABSTRACT : PROBLEM TO BE SOLVED: To correct an intake air rate with a simple structure in a rate increasing function of an intake rate such as rotating control at the time of idling, in an intake air rate correcting function of an intake throttle device.

SOLUTION: A throttle valve 104 fixed to a throttle valve shaft 106 which is rotatably supported to an intake passage 102, is rotated by an acceleration wire drum 146 which is directly rotated according to an accelerating pedal operation by a driver, and an opening area of the intake passage 102 is varied. Driving force of an electric motor 170 is transmitted to the throttle valve shaft 106 through a planetary gear 130 which is provided with a gear shaft 142 fixed to the acceleration wire drum 146, and which is rotated according to rotation of the acceleration wire drum 146 while rotating around the gear shaft 142.

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